Title (en)

EXTENDED MOBILITY TYRE COMPRISING SEVERAL IMPERVIOUS LAYERS

Title (de)

MEHRERE UNDURCHLÄSSIGE LAGEN UMFASSENDER NOTLAUFREIFEN

Title (fr)

PNEUMATIQUE A MOBILITE ETENDUE COMPORTANT PLUSIEURS COUCHES ETANCHES

Publication

EP 1618010 A1 20060125 (FR)

Application

EP 04727851 A 20040416

Priority

- EP 2004004032 W 20040416
- FR 0305214 A 20030425

Abstract (en)

[origin: FR2854100A1] The adapted tire comprises a skeletal-type reinforcing structure anchored on each side in a cushion attached to a rim of the wheel. Each of the cushions extends radially externally in the form of sides, the latter reuniting radially a rolling band. The reinforcing structure extends circumferentially from the cushion to the side to an armature. Each of the cushions also comprises an anchorage zone enabling maintenance of the reinforcing structure, and each of the sides is reinforced by an insert consisting of a rubber composition capable of supporting a load (corresponding to the weight of the vehicle) during a situation of sudden reduction of inflating pressure. The tire also comprises an internal layer consisting of rubber composition impermeable to the inflating gas and covering the whole of the interior of the tire. A bonding layer comprising a rubber composition is also disposed between the side inserts and the internal layer.

IPC 1-7

B60C 17/00; B60C 5/14; B60C 1/00

IPC 8 full level

B60C 1/00 (2006.01); **B60C 5/14** (2006.01); **B60C 9/00** (2006.01); **B60C 17/00** (2006.01)

CPC (source: EP KR US)

B60C 1/00 (2013.01 - EP KR US); **B60C 5/14** (2013.01 - EP KR US); **B60C 9/00** (2013.01 - KR); **B60C 17/00** (2013.01 - KR); **B60C 17/0009** (2013.01 - EP US); Y10T 152/10819 (2015.01 - EP US); Y10T 152/10846 (2015.01 - EP US)

Citation (search report)

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